

1. A method for recycling asphalt, said method comprising the steps of:
receiving asphalt material through a load hopper;
delivering said asphalt material onto a conveyer belt;
directing said asphalt material into a rotating drum via a chute;
5 heating said asphalt material causing said asphalt material to soften and water to evaporate;
tumbling said asphalt material using a material classifier ring until said asphalt material is generally granularized;
mixing said asphalt material with oil and other material;
10 manipulating said drum so said asphalt material can be maintained in said drum until said asphalt material is ready to be reused; and
removing said asphalt material from said drum.
2. A method as recited in claim 1, wherein said tumbling loosens said asphalt
15 material.
3. A method as recited in claim 1, wherein the direction of said tumbling is reversed to further facilitate granularization.

4. An asphalt recycling system comprising:
a load hopper configured to receive asphalt material;
a conveyer belt connected to said load hopper and configured to transport said asphalt material;
5 a chute coupled to said conveyer belt;
a drum coupled to said chute wherein said drum tumbles and mixes said asphalt material;
a heat source that heats said asphalt recycling system;
a material classifier ring configured within said drum in order to granularize
10 said asphalt material;
a shutter coupled to said drum; and
an outlet conveyer configured to receive said asphalt material after it exits said drum.

15 5. An asphalt recycling system as recited in claim 4, wherein said heat source is housed within a heat chamber.

6. An asphalt recycling system as recited in claim 5, wherein said heat source heats said asphalt material using at least one of the following methods:

- 20 (i) conduction;
(ii) convection; and
(iii) radiation.